

METHOD AND SYSTEM FOR MODELING BEHAVIOR OF  
ELEMENTS IN A TELECOMMUNICATIONS SYSTEM

ABSTRACT OF THE DISCLOSURE

A node representing a network element is provided. A service state for the node is stored in the node. A service state for a first parent node upon which the node is operationally dependent is stored in the node. In response to a triggering occurrence, a second parent node is dynamically associated with the node. A service state for the second parent node is stored in the node. In response to receiving a new service state for one of the parent nodes, the service state for the node is redetermined based on the service states for the parent nodes.